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Jameco Part Number 215984

IEEE 1394 FireWire CardBus PC Card

Installation Guide

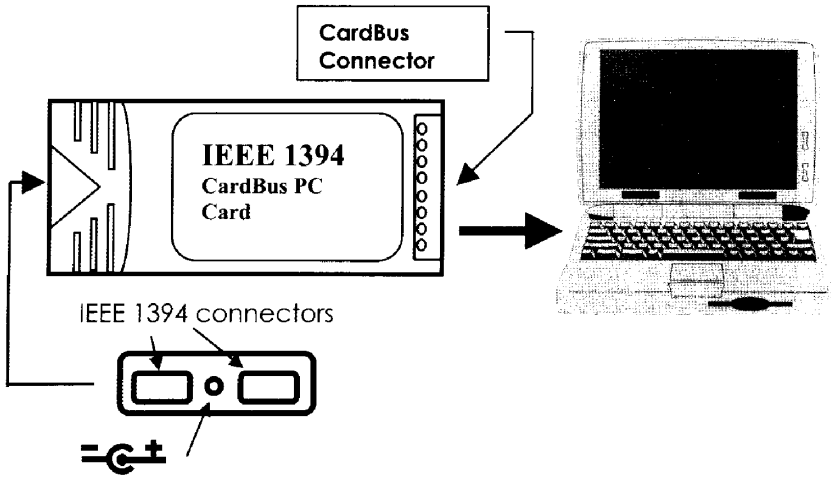
1. Introduction

Thank you for purchasing this IEEE 1394 CardBus PC Card. It is specially designed to connect 1394 devices to any Notebook computer with CardBus slot (similar to PCMCIA, but 32-bit bus instead).

Features:

- ✓ Fully IEEE1394 OHCI compliance
- ✓ 133MB/S CardBus master DMA transfer rate
- ✓ Up to 400Mbits/sec IEEE 1394 transfer rate
- ✓ Open architecture API
- ✓ Supports two 6-pin IEEE 1394 connectors
- ✓ Provides a mini-DC-jack for 1394 bus power input

2. Layout



DC Jack: +12VDC/1.5A Power Input for IEEE 1394 Bus. Supplied from AC adapter (optional)

3. Installing the PC Card

This CardBus PC card can be hot-plugged to your notebook PC due to the specifications of CardBus. It supports the following operating systems:

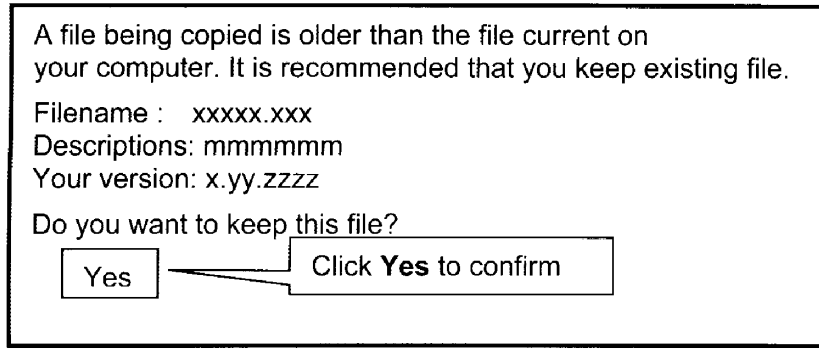
- Microsoft Windows 98SE (Second Edition)
- Windows Me
- Windows XP
- Windows 2000
- Apple MAC OS 8.6 or above

Please follow the following steps to install your PC card:

1. **If you are not using Win98SE, skip to next step. If you are using Win98SE, please go to the following place to download the Win98SE patch file from Microsoft Web site before installing the PC card (you need to choose your own language before downloading the file, wrong language selection may cause problems in your win98SE):**

   http://www.microsoft.com/windows98/downloads/contents/wurecommended/s_wufeatured/1394/license.asp

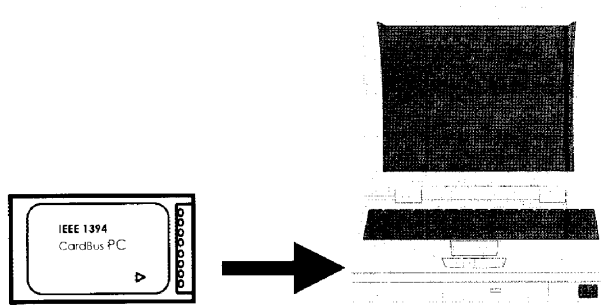
   While you are running the path file, if you are prompted with the following messages during the installations, please click **"Yes"** for the confirmation. You may need to click 2 or 5 times.


A file being copied is older than the file current on your computer. It is recommended that you keep existing file.
Filename : xxxxx.xxx
Descriptions: mmmmmm
Your version: x.yy.zzzz
Do you want to keep this file?
Yes
Click Yes to confirm

2. **Use static electricity discharge precautions.**

Remove possible static discharge potential from any objects that the PC Card may come in contact with before installation. This can be accomplished by touching a bare metal chassis rail after you have turned off the power.

3. **Locate an unused CardBus slot, insert PC Card into Notebook PC (please note the direction of the PC Card should match the direction of the CardBus slot)**



4. **The "Add New Hardware Wizard" in the Operating Systems will be invoked, and will guide you to complete the whole driver installations.**

5. **Installing IEEE 1394 cables**

There are two IEEE 1394 ports on this PC card. To connect the 1394 devices, use either a 6-to-6-pin cable (usually used by storage devices like hard drives and CDR/W), or a 6-to-4-pin cable (usually used for a DV camcorder). The topology enables both branching and daisy-chainning of nodes. Up to 63 devices can be connected to the PC card. No termination problem has to be care about.

Note: The Notebook does NOT supply the power over the 1394 cable. Since the 1394 device will not get a power from the 1394 cable. They need to be self powered by themselves (e.g. by an AC adapter). Or you need an AC adapter to provide the power through the mini-DC-jack on the PC card. However,

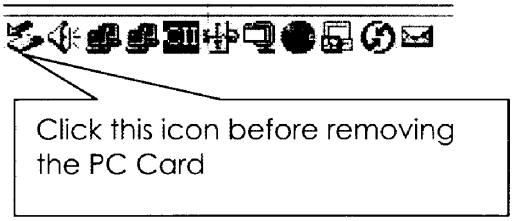
not all 1394 devices need the bus power. The DV camcorder does not use the bus power for example.

6. **Turn ON your IEEE 1394 device power to install their drivers and function properly.**

4. Safe-Removing the PC Card

Windows 98SE/ME/2000/XP:

If you insert the PC Card, you will get a "green arrow" icon at the bottom of the screen, after clicked this icon, you will be allowed to safe-remove the Enclosure afterward:



Apple Mac OS:

Remove the FireWire devices before eject the PC card:

- Move mouse cursor to the volume icon of the FireWire devices (e.g. hard disk) you want to remove, select it by a click. Press ⌘**E** from the keyboard, or drag its icon to **Trash**.
- Eject the PC Card from your PowerBook or iBook.